

Background: This checklist is based on the checklist used by Minnesota Pollution Control Agency (MPCA) staff for Stormwater Pollution Prevention Plan (SWPPP) reviews.

Site Information

Applicant: _____ Project name: _____

Application date: _____ Reviewer name: _____

SWPPP Narrative

- | Yes | No | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Describe the nature of the construction activity? |
| <input type="checkbox"/> | <input type="checkbox"/> | Address the potential for a discharge of sediment and/or other potential pollutants from the site? |
| <input type="checkbox"/> | <input type="checkbox"/> | Propose erosion prevention and sediment control Best Management Practices (BMPs). |
| <input type="checkbox"/> | <input type="checkbox"/> | Identify the person knowledgeable and experienced who will oversee the implementation of the SWPPP. |
| <input type="checkbox"/> | <input type="checkbox"/> | Identify the entity (name or title) responsible for performing future Operations and Maintenance (O&M). |
| <input type="checkbox"/> | <input type="checkbox"/> | Identify the training requirements are satisfied. |
| <input type="checkbox"/> | <input type="checkbox"/> | Describe project phasing. |
| <input type="checkbox"/> | <input type="checkbox"/> | Describe final stabilization methods for all exposed areas? (may be in narrative or on plan sheets) |
| <input type="checkbox"/> | <input type="checkbox"/> | Identify stormwater management measures needed to mitigate impacts identified as a result of environmental, historical, archaeological, or rare species reviews conducted for the project? |
| <input type="checkbox"/> | <input type="checkbox"/> | Identify additional measures being taken to protect Drinking Water Supply Management Areas? |
| <input type="checkbox"/> | <input type="checkbox"/> | If site discharges to special water or impaired reach, identify any site areas discharging to the special or impaired reach? |
| <input type="checkbox"/> | <input type="checkbox"/> | Identify construction areas that are adjacent to and drain to Public Waters for which the Minnesota Department of Natural Resources (DNR) has promulgated "work in waters restrictions" during specified fish spawning time frames. |
| <input type="checkbox"/> | <input type="checkbox"/> | The SWPPP must account for expected amount, frequency, intensity, and duration of precipitation. |
| <input type="checkbox"/> | <input type="checkbox"/> | The SWPPP must account for nature of stormwater runoff and run-on at the site. |
| <input type="checkbox"/> | <input type="checkbox"/> | The SWPPP must account for the range of soil particle sizes expected to be present on the site. |
| <input type="checkbox"/> | <input type="checkbox"/> | For design requirements or SWPPP components where Permittee determines that compliance with the requirement is infeasible; the SWPPP must document that determination and the substitute BMPs. |

SWPPP Plan Sheets

- | Yes | No | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Existing and final grades. |
| <input type="checkbox"/> | <input type="checkbox"/> | Locations and types of all temporary and permanent (including infiltration areas) ESC BMPs. |
| <input type="checkbox"/> | <input type="checkbox"/> | Stormwater flow directions and surface water divides for all pre- and post-construction drainage areas. |
| <input type="checkbox"/> | <input type="checkbox"/> | Impervious areas (Pre- and Post-Construction). |
| <input type="checkbox"/> | <input type="checkbox"/> | Soil types. |
| <input type="checkbox"/> | <input type="checkbox"/> | Locations of potential pollutant-generating activities. |
| <input type="checkbox"/> | <input type="checkbox"/> | Locations of areas not to be disturbed (buffer zones). |
| <input type="checkbox"/> | <input type="checkbox"/> | Tabulated quantities of all erosion prevention and sediment control BMPs. |
| <input type="checkbox"/> | <input type="checkbox"/> | Location of areas where construction will be phased to minimize duration of exposed soil areas. |
| <input type="checkbox"/> | <input type="checkbox"/> | Areas of steep (3:1 or greater slope). |
| <input type="checkbox"/> | <input type="checkbox"/> | Locations of all wetlands, surface waters, and storm ponds that will receive pre- or post-construction site runoff. |

Stormwater Discharge Design

- | Yes | No | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | For any stormwater flow that will be channelized at the site, the stormwater controls must be designed to control both peak flowrates and total stormwater volume to minimize erosion at outlets and to minimize downstream channel and streambank erosion. |
| <input type="checkbox"/> | <input type="checkbox"/> | Are Temporary Sediment Basins required on site? |
| <input type="checkbox"/> | <input type="checkbox"/> | Yes No |
| <input type="checkbox"/> | <input type="checkbox"/> | Adequately sized and appropriately located |
| <input type="checkbox"/> | <input type="checkbox"/> | Designed to prevent short circuiting? |
| <input type="checkbox"/> | <input type="checkbox"/> | Outlets designed to remove floating debris, withdraw from the surface, and allow complete drawdown? |
| <input type="checkbox"/> | <input type="checkbox"/> | Do outlets have energy dissipation? |
| <input type="checkbox"/> | <input type="checkbox"/> | Have a stabilized emergency spillway? |

Which method of permanent stormwater treatment has been selected?

Yes No

☐ ☐ Are calculations/computer model results included to demonstrate the design and adequacy?

☐ ☐ Is adequate maintenance access provided?

☐ ☐ Infiltration or filtration

Yes No

☐ ☐ Is infiltration/filtration appropriate to the site and land uses?

☐ ☐ Phasing to ensure excavation of infiltration system after drainage area stabilized?

☐ ☐ Rigorous sediment and erosion controls to keep sediment and runoff away from the system?

☐ ☐ Is a pretreatment device planned?

Yes No

☐ ☐ Wet sedimentation basin:

Yes No

☐ ☐ Configured so scour or resuspension is minimized and to prevent short circuiting.

☐ ☐ Basin outlets designed to discharge at > 5.66 cubic feet per second (cfs) per acre of pond

☐ ☐ Basin outlets designed to prevent discharge of floatables.

☐ ☐ Stabilized emergency overflow.

Yes No

☐ ☐ Regional ponds:

Yes No

☐ ☐ Is written authorization from owner of regional pond included in SWPPP?

☐ ☐ Does regional pond design conform to the permit requirements for wet sedimentation basin?

Other Requirements

Yes No

☐ ☐ Plans show areas that are not to be disturbed or are areas where disturbance will be minimized.

☐ ☐ Minimize disturbance or other techniques to minimize destabilization of steep slopes.

☐ ☐ Has appropriate construction phasing been implemented?

☐ ☐ Exposed soils have erosion protection/cover initiated immediately and finished within 14 days

☐ ☐ Wetted perimeters of ditches stabilized within 200 feet of surface water within 24 hours.

☐ ☐ Temporary or permanent ditches or swales that are being used as a sediment containment system during construction must be stabilized within 24 hours after no longer being used as a sediment containment system.

☐ ☐ Pipe outlets have energy dissipation within 24 hours of connecting.

☐ ☐ Discharges from stormwater controls are directed to vegetated areas of the site unless infeasible.

☐ ☐ Are sediment control practices established on down gradient perimeters and upgradient of any buffer zones?

☐ ☐ Are all inlets protected?

☐ ☐ Stockpiles have sediment control.

☐ ☐ Construction site entrances minimize street tracking.

☐ ☐ Plans minimize soil compaction and preserve topsoil.

☐ ☐ 50 foot buffer or (if not feasible) redundant sediment control when adjacent and drains to a surface water.

☐ ☐ Is a dewatering plan required?

☐ ☐ Storage, handling, and disposal of construction products, materials, and wastes.

☐ ☐ Fueling and maintenance of equipment or vehicles; spill prevention and response.

☐ ☐ Vehicle and equipment washing.

☐ ☐ No engine degreasing allowed on site.

☐ ☐ Containment of Concrete and other washout waste.

☐ ☐ Portable toilets are positioned so that they are secure.

☐ ☐ Stabilization by uniform perennial vegetative cover (70% density of its expected final growth).

Requirements of Appendix A

Yes No

☐ ☐ Does this site drain to a discharge point on the project that is within one mile of a Special or Impaired Water?

Yes No

☐ ☐ Stabilization initiated immediately and all soils protected in 7 days

☐ ☐ Provide temp basin for five acres draining to common location.

☐ ☐ 100-foot buffer

☐ ☐ Other as appropriate

Wetland Impacts

Yes No

☐ ☐ Does this site have a discharge with the potential for adverse impact to wetlands:

Yes No

☐ ☐ Does the SWPPP comply with the conditions of an approved Wetland Impact Permit?